In re Application of Mayers et al. Application Ser. No. 10/789,000

Response to Office Action dated September 1, 2010

Amendment dated December 1, 2010

## IN THE CLAIMS:

Please amend claim 1. The remaining claims read as follows:

1. (Currently Amended) An abuse-resistant, cast acoustical ceiling tile

having a core made from a wet composition of starch gel and mineral wool fiber,

composition-with the starch gel ranging from 75 to 83 weight percent of the core

composition and the mineral wool fibers ranging from 17 to 25 weight percent of the core

composition, wherein a front surface of the tile includes aggregate particles pressed into

said surface prior to drying of the composition, said aggregate particles have an average

particle mean diameter of at least about 1,000 microns and wherein said starch gel

comprises at least about 82.7 weight % water.

2. (Original) The ceiling tile of claim 1 wherein the aggregate particles

are selected from the group consisting of calcium carbonate, crushed marble, sand, clay,

perlite, vermiculite, crushed stone and glass.

3. (Original) The ceiling tile of claim 2 wherein the aggregate particles

are calcium carbonate.

2

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4. (Original) The ceiling tile of claim 3 wherein the aggregate particles

have an average particle mean diameter ranging from about 1,000 microns to about 3,000

microns.

5. (Original) The ceiling tile of claim 3 wherein the aggregate particles

have an average particle mean diameter ranging from about 1,400 microns to about 2,500

microns.

6. (Original) The ceiling tile of claim 1 which has a noise reduction

coefficient (NRC) value of at least about 0.50.

7. (Original) The ceiling tile of claim 2 which has a noise reduction

coefficient (NRC) value of at least about 0.50.

8. (Original) The ceiling tile of claim 3 which has a noise reduction

coefficient (NRC) value of at least about 0.50.

9. (Original) The ceiling tile of claim 4 which has a noise reduction

coefficient (NRC) value of at least about 0.50.

3

In re Application of Mayers et al. Application Ser. No. 10/789,000 Response to Office Action dated September 1, 2010 Amendment dated December 1, 2010

10 - 14. (Canceled)

- 15. (Previously Presented) The ceiling tile of claim 1 wherein the aggregate is pressed using a roller.
- 16. (Previously Presented) The ceiling tile of claim 1 wherein the aggregate is pressed using a plate.